

10/786,881-Conf_#1902

PTO/SB/21 (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Filing Date

Application Number

Attorney Docket Number

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Filling Date	February 24, 2004	
First Named Inventor	Mark L. NELSON	
Art Unit	1614	
Examiner Name	Not Yet Assigned	

PAZ-222CN

Total Number of Pages in This Submission

	ENCLOSURES (Check all that apply)							
Fee Transmittal Form		Drawing(s)		After Allowance Communication to TC				
Fee Attached	[Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences				
Amendment/Reply		Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)				
After Final	[Petition to Convert to a Provisional Application		Proprietary Information				
Affidavits/declara	tion(s)	Power of Attorney, Revocation Change of Correspondence		Status Letter				
Extension of Time Req	uest	Terminal Disclaimer		X Other Enclosure(s) (please Identify below):				
Express Abandonment Request		Request for Refund		Return Receipt Postcard PTO form SB/08				
x Information Disclosure Statement		CD, Number of CD(s)		Certificate of Mailing Copies of Eight (8) References				
Certified Copy of Priority Document(s)		Landscape Table on CD						
Reply to Missing Parts/ Incomplete Application		Remarks						
Reply to Missing 37 CFR 1.52 or 1								
	SIGNATUR	RE OF APPLICANT, ATTOR	RNEY, OR	AGENT				
Firm Name LAHIVE	COCKFIEL	D, LLP						
Signature	inte	ía hu						
Printed name Cynthia N	1. Soroos	, 40						
Date October	18, 2006		Reg. No.	53,623				

					ing deposited with the U.S. Postal Service on
the date shown below with sufficient posta-	ge as First Class Ma	ail in	n an envelope addresse	d to: MSA	Amendment, Commissioner for Patents, P.O.
Box 1450, Alexandria, VA 22313-1450.		1	\mathcal{A}		· ·
	1	- 1	101111111 11	ΛΙ.	
Dated: October 18, 2006	Signature:	\wedge	millia 1	W	(Cynthia M. Soroos)



I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patente P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: October 18, 2006

(Avothia M. Somos)

Docket No.: PAZ-222CN

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Mark L. Nelson et al.

Application No.: 10/786,881

Filed: February 24, 2004 Art Unit: 1614

For: 9-AMINOMETHYL SUBSTITUTED

Signature:

MINOCYCLINE COMPOUNDS

Examiner: Not Yet Assigned

Confirmation No.: 1902

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (SIDS)

Dear Sir:

In accordance with 37 CFR 1.97, Applicant(s) hereby make of record the following additional documents. A PTO Form SB/08 and a full copy of each of the documents required under 37 CFR 1.98(a)(2) accompany this statement.

Applicants have become aware of the following documents, cited in an International Search Report issued <u>January 31, 2005</u>, during the prosecution of International Application No. PCT/US04/11242, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(c) and (e)(1) or (b)(3), hereby submit these documents for the Examiner's consideration. These documents are cited on the enclosed PTO Form SB/08, and a copy of the International Search Report and of each document required under 37 CFR 1.98(a)(2) cited thereon are enclosed as well.

Applicants have not submitted copies of each cited U.S. patent and U.S. patent application in accordance with 37 CFR 1.98(a)(2)(ii). Applicants submit herewith copies of non-patent references in accordance with 37 CFR 1.98(a)(2).



Application No.: 10/786,881 Docket No.: PAZ-222CN

Applicants bring to the Examiner's attention the following co-pending applications:

U.S. Serial No.	11/305048	Filing Date	December 16, 2005
U.S. Serial No.	11/397445	Filing Date	April 4, 2006
U.S. Serial No.	10/738862	Filing Date	December 16, 2003
U.S. Serial No.	10/921580	Filing Date	August 18, 2004
U.S. Serial No.	10/128990	Filing Date	April 24, 2002
U.S. Serial No.	10/692563	Filing Date	October 24, 2003
U.S. Serial No.	10/943571	Filing Date	September 16, 2004
U.S. Serial No.	10/996119	Filing Date	November 22, 2004
U.S. Serial No.	11/283571	Filing Date	November 18, 2005
U.S. Serial No.	11/069197	Filing Date	February 28, 2005
U.S. Serial No.	10/636437	Filing Date	August 6, 2003
U.S. Serial No.	11/292552	Filing Date	December 2, 2005
U.S. Serial No.	10/752378	Filing Date	January 5, 2004
U.S. Serial No.	10/692764	Filing Date	October 24, 2003
U.S. Serial No.	11/039230	Filing Date	January 18, 2005
U.S. Serial No.	11/330700	Filing Date	January 12, 2006
U.S. Serial No.	11/258622	Filing Date	October 25, 2005
U.S. Serial No.	11/258613	Filing Date	October 25, 2005
U.S. Serial No.	11/348608	Filing Date	February 6, 2006
U.S. Serial No.	11/490867	Filing Date	July 21, 2006
U.S. Serial No.	11/182247	Filing Date	July 14, 2005
U.S. Serial No.	11/390902	Filing Date	March 28, 2006
U.S. Serial No.	10/982728	Filing Date	November 4, 2004
U.S. Serial No.	10/819343	Filing Date	April 5, 2004
U.S. Serial No.	11/453326	Filing Date	June 14, 2006
U.S. Serial No.	11/454221	Filing Date	June 16, 2006
U.S. Serial No.	11/300917	Filing Date	December 15, 2005

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Application No.: 10/786,881 Docket No.: PAZ-222CN

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. PAZ-222CN.

Dated: October 18, 2006

CMS/MLR/mch

Respectfully submitted,

Cynthia M. Soroos

Registration No.: 53,623

LAHIVE & COCKFIELD, LLP

28 State Street

Boston, Massachusetts 02109

(617) 227-7400

(617) 742-4214 (Fax)

Attorney/Agent For Applicant



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 10/786,881

Attorney Docket No.: PAZ-222CN

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

> MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on	October 18, 2006	
	Date	

Cynthia M. Soroos Typed or printed name of person signing Certificate 53,623 (617) 227-7400 Registration Number, if applicable Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Return Receipt Postcard Transmittal (1 page)

Supplemental Information Disclosure Statement (3 pages)

PTO form SB/08 (40 References) (2 pages)

Copies of Eight (8) References

PTO/SB/08a/b (07-06)
Approved for use through 09/30/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

2

Sheet 1 of

Complete if Known				
Application Number	10/786,881-Conf. #1902			
Filing Date	February 24, 2004			
First Named Inventor	Mark L. NELSON			
Art Unit	1614			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	PAZ-222CN			

			U.S. PA	TENT DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	A1*	US-6,841,546-A1	05-29-2003		
	A2*	US-6,846,939-A1	07-03-2003	Nelson et al.	
	A3*	US-20040063674-A1	04-01-2004	Levy et al.	
	A4*	US-20040092490-A1	05-13-2004	Draper et al.	
	A5*	US-20040152674-A1	08-05-2004	Levy et al.	
	A6*	US-20040214800-A1	10-28-2004	Levy et al.	
	A7*	US-20040214801-A1	10-28-2004	Nelson et al.	
	A8*	US-6,818,635	11-16-2004	Nelson, Mark L., et al.	
	A9*	US-20040242548-A1	12-02-2004	Draper et al.	
	A10*	US-6,833,365-A1	12-21-2004	Levy et al.	
	A11*	US-20040266740-A1	12-30-2004	Huss et al.	
	A12*	US-20030125348-A1	01-25-2005	Nelson et al.	
	A13*	US-20050020545-A1	01-27-2005	Draper et al.	
	A14*	US-20050026875-A1	02-03-2005	Nelson et al.	
	A15*	US-20050038002-A1	02-17-2005	Nelson et al.	
	A16*	US-20050137174-A1	06-23-2005	Ohemeng et al.	
	A17*	US-20050143352-A1	06-30-2005	Nelson et al.	
	A18*	US-20050187198-A1	08-25-2005	Nelson et al.	
	A19*	US-20050215532-A1	09-29-2005	Levy et al.	
	A20*	US-20050250744-A1	11-10-2005	Levy et al.	
	A21*	US-20050282787-A1	12-22-2005	Myers et al.	
	A22*	US-7,001,918-A1		Huss et al.	
	A23*	US-20060084634-A1	04-20-2006	Huss et al.	
	A24*	US-20060089336-A1	04-27-2006	Nelson et al.	
	A25*	US-7,045,507-A1	05-16-2006	Draper et al.	
	A26*	US-7,056,902-A1	06-06-2006	Nelson et al.	
	A27*	US-7,067,681-A1		Nelson et al.	
	A28*	US-20060160799-A1		Alekshun, Michael	
	A29*	US-20060166944-A1		Berniac, Joel	
	A30*	US-20060166945-A1		Abato, Paul	
		US-7,094,806		Nelson, Mark	
	A32*	US-20060194773-A1		Levy, Stuart	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ ⁶
	B1	WO-95/22529	08-24-1995	Pfizer Inc.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

Examiner	Date	-
Signature	 Considered	

PTO/SB/08a/b (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO			3000	Complete if Known	
			Application Number	10/786,881-Conf. #1902	
IN	INFORMATION DISCLOSURE		Filing Date	February 24, 2004	
S1	STATEMENT BY APPLICANT		First Named Inventor	Mark L. NELSON	
		Art Unit	1614		
	(Use as many	sheets as	necessary)	Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	PAZ-222CN

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
	C1	Barden, Timothy C. et al, "Glycylcyclines'. 3.9-AMinodoxycyclinecarboxamides," <i>J. Med. Chem.</i> , Vol. 37:3205-3211 (1994)				
	C2	Koza, Darrell J. et al, "Synthesis and Biological Evaluation of 9-Substituted Tetracycline Derivatives," <i>Bioorganic & Medicinal Chemistry Letters</i> , Vol. 12:2163-2165 (2002)				
	C3	Petersen, P.J. et al, "in Vitro and In Vivo Antibacterial Activities of a Novel Glycylcycline, the 9-t-Butylglycylamido Derivative of Minocycline (GAR-936)," <i>Antimicrobial Agents and Chemotherapy</i> , Vol. 43(4):738-744 (1999)				
	C4	Sum, Phaik-Eng et al, "Synthesis and antibacterial activity of 9-substituted minocycline derivatives," <i>Bioorganic & Medicinal Chemistry Letters</i> , Vol. 16:400-403 (2006)				
	C5	Sum, Phaik-Eng et al, "Synthesis and Structure-Activity Relationship of Novel Glycylcycline Derivatives Leading to the Discovery of GAR-936," <i>Bioorganic & Medicinal Chemistry Letters</i> , Vol. 9:1459-1462 (1999)				
	C6	Sum, Phaik-Eng et al, "Glycylcyclines. 1. A New Generation of Potent Antibacterial Agents through Modification of 9-Animotetracyclines," <i>J. Med. Chem.</i> , Vol. 37:184-188 (1994)				
	C7	International Search Report for Application No. PCT/US04/11242, January 31, 2005				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date	
Signature	Considered	

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.